Serial No.: Inventor: R.A. Potyrailo Docket No.: RD-28,490
Attorney: N. C. Johnson
Atty's Tele. No.: (518) 387-7863



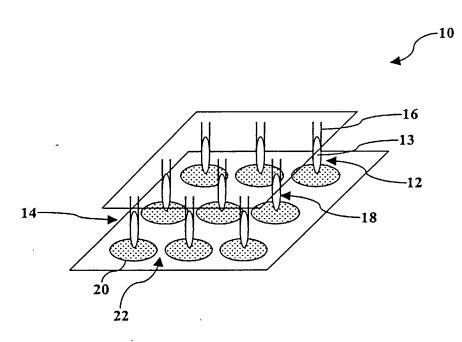


FIG.1

Serial No.: a and a rate of the serial No.:

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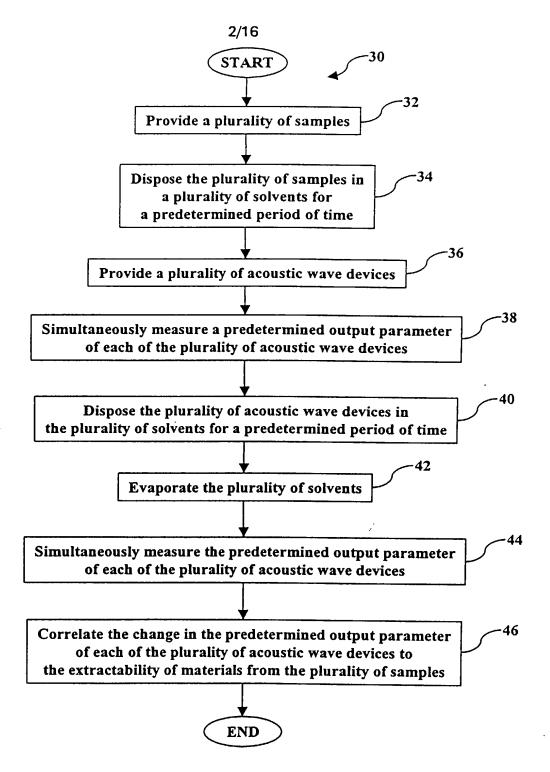


FIG.2

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Atty's Tele. No.: (518) 387-7863

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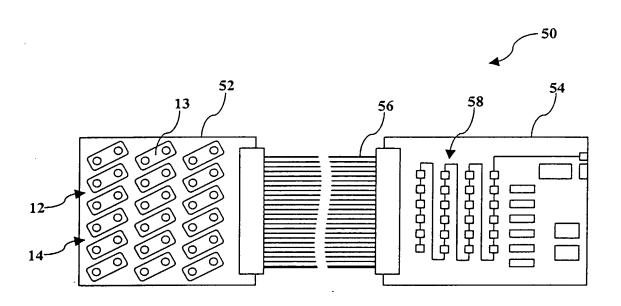


FIG.3

Inventor: R A. Potyrailo
Docket No.: RD-28,490
Attorney: N. C. Johnson

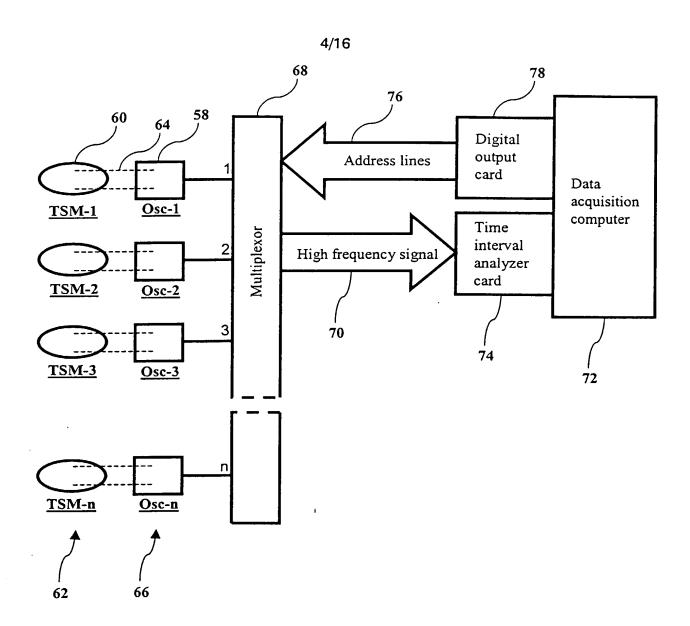


FIG.4

lgaratitah, Terra Serial No.: Inventor: R A. Potyrailo Docket No.: RD-28,490 Attorney: N. C Johnson Atty's Tele. No.: (518) 387-7863 5/16 Initialize time interval analyzer card Set parameters for time interval measurements Measurement Control parameters: parameters: 82 - Flow rates of fluids to deliver - Set total lines m of data, to array, - Temperature, Number of points - Electomagnetic radiation, - Humidity, to average, - Temporal profiles of fluid delivery, temperature, electro-Integration time, magnetic radiation, etc. - Other environmental rigger threshold, conditions Others 84 Loop for continually recording 24 oscillator frequencies 86 Loop for measuring i-th oscillator 88 Set address for i-th oscillator 90 Read frequency of i-th oscillator Repeat loop for each oscillator Add data points to display graph Write line of 24 frequency values to data file

FIG.5

Terminate after m lines of data have been recorded

96

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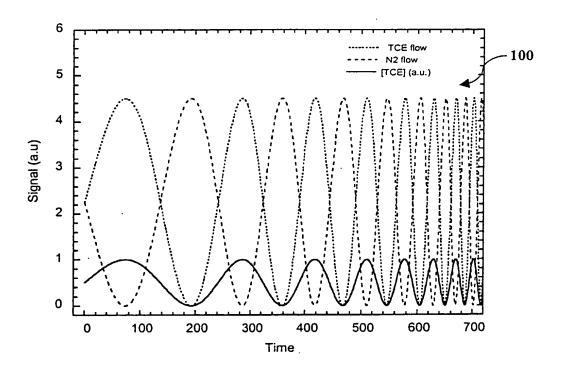


FIG.6

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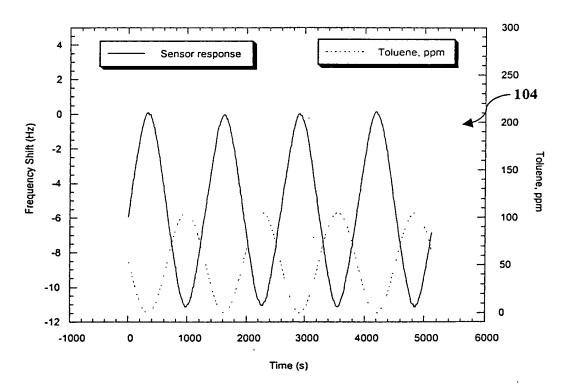


FIG.7

Inventor: R.A. Potyrailo Docket No.: RD-28,490
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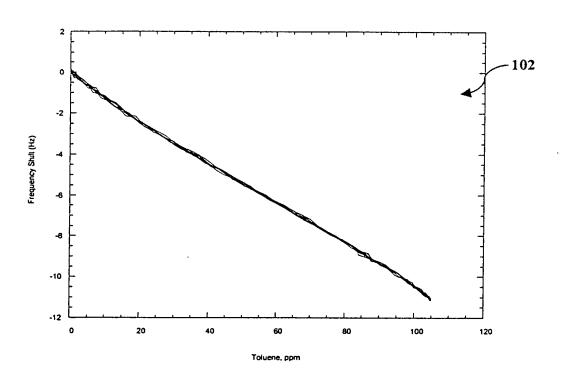


FIG.8

Serial No.: Inventor:

R.A. Potyrailo Docket No.: RD-28,490 Attorney: N. C Johnson

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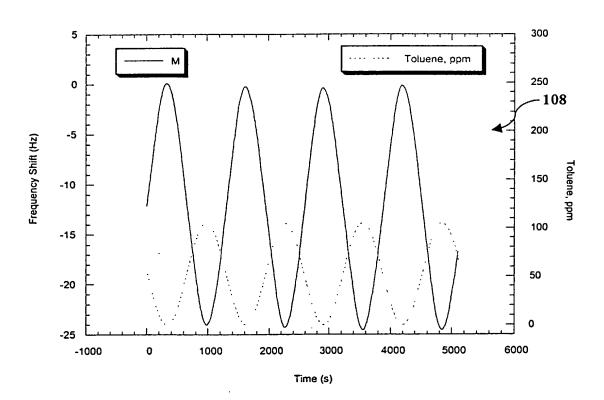


FIG.9

Inventor: R.A. Potyrailo Docket No.; RD-28,490 Attorney; N. C. Johnson Atty's Tele. No.; (518) 387-7863

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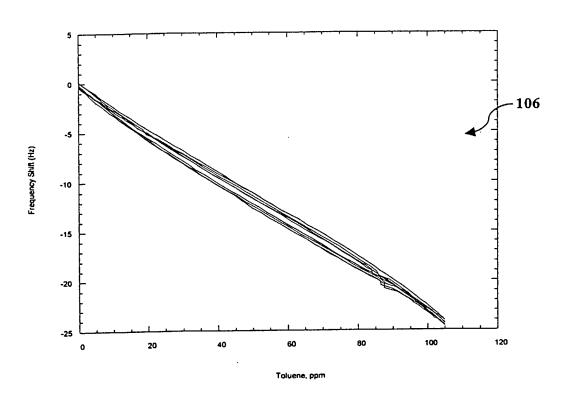


FIG.10

Inventor: R A Potyrailo
Docket No.: RD-28,490
Attorney: N. C. Johnson

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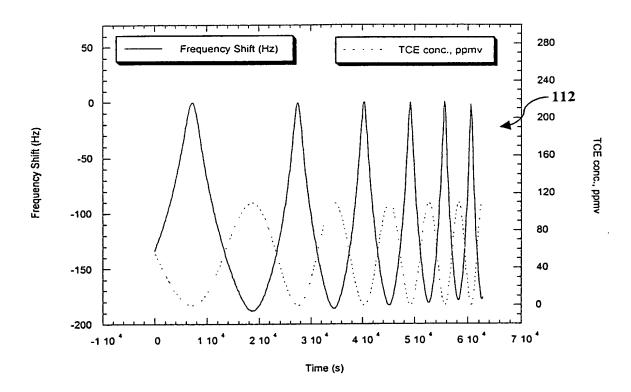


FIG.11

Inventor: R A. Potyrailo Docket No.: RD-28,490 Attorney: N. C. Johnson Atty's Tele. No.: (518) 387-7863

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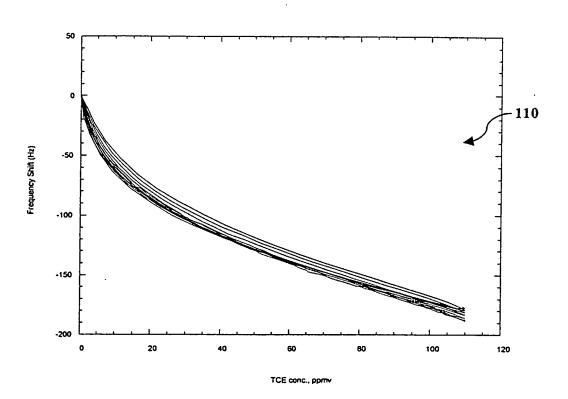


FIG.12

Inventor: R.A. Potyrailo Docket No.: RD-28,490 Attorney: N. C Johnson

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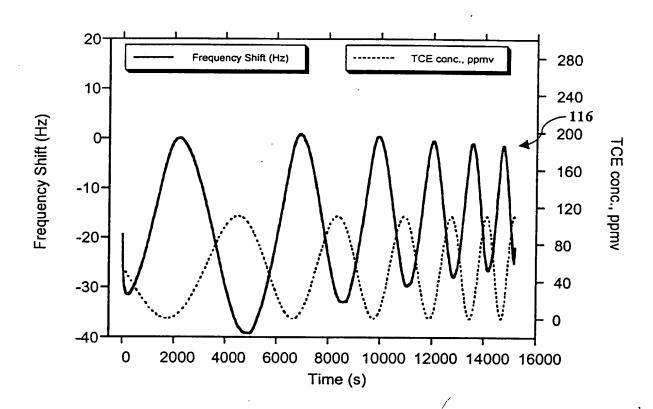


FIG.13

Inventor: R.A. Potyrailo
Docket No.: RD-28,490
Attorney: N. C. Johnson

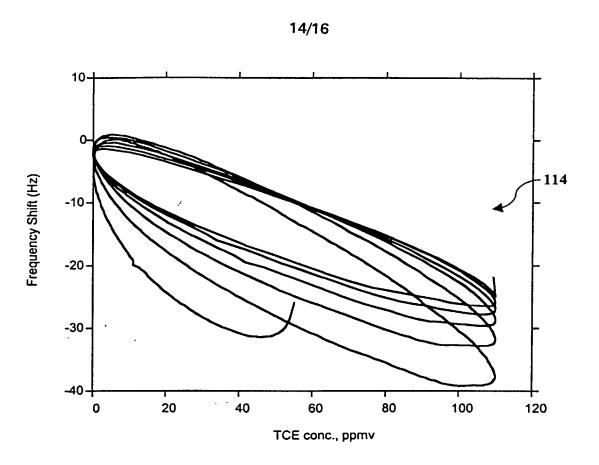


FIG.14

Inventor: R.A. Potyratlo
Docket No.: RD-28,490
Attorney: N. C. Johnson

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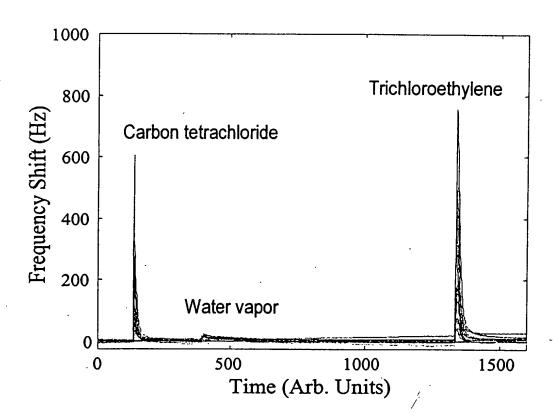


FIG. 15.

FIG.15

Inventor: R.A. Potyrailo Docket No.: RD-28,490 Attorney: N. C Johnson

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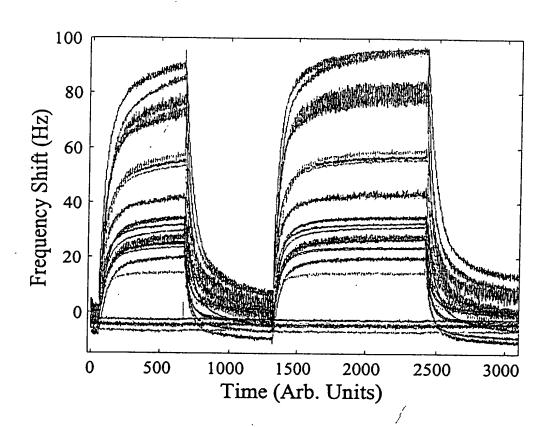


FIG.16